

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Acacia nilotica*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	(+)-CATECHIN	Plant	--	--		
21	(-)-EPIGALLOCATECHIN	Plant	--	--		
5	ALUMINUM	Plant	--	--		
1	AMYLASE	Plant	--	--		
112	ASCORBIC-ACID	Plant	--	--		
9	BETA-AMYRIN	Root	--	--		
53	BETA-CAROTENE	Plant	--	--		
13	BETULIN	Root Bark	--	--		Jim Duke's personal files.
13	BETULIN	Plant	--	--		
28	CALCIUM	Plant	--	--		
1	CELLULOSE	Plant	--	--		
77	CHLOROGENIC-ACID	Plant	--	--		
4	DIGITONIN	Plant	--	--		
51	ELLAGIC-ACID	Bark	--	--		
6	EPIGALLOCATECHIN	Plant	--	--		
15	FIBER	Seed	25000	166000	0.24652774832059782	
8	FRUCTOSE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
62	GALLIC-ACID	Resin, Exudate, Sap	--	--		
7	GLUCOSE	Fruit	--	--		
32	HYDROQUINONE	Plant	--	--		
1	INDOLE-ACETIC-ACID	Plant	--	--		
22	ISOQUERCITRIN	Plant	--	--		
2	ISORHAMNETIN-3-RUTINOSIDE	Plant	--	--		
3	KAURENIC-ACID	Plant	--	--		
13	LIGNIN	Plant	--	--		
1	LYSOLECITHIN	Plant	--	--		
65	MAGNESIUM	Plant	--	--		
15	MALIC-ACID	Plant	--	--		
14	MANGANESE	Plant	--	--		
3	MUCILAGE	Plant	--	--		
6	OCTACOSANOL	Root	--	--		
18	OLEIC-ACID	Plant	--	--		
9	OXALIC-ACID	Plant	--	--		
8	PHLOROGLUCINOL	Plant	--	--		
14	POTASSIUM	Plant	--	--		
43	PROTOCATECHUIC-ACID	Fruit	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
23	PYROGALLOL	Plant	--	--		
176	QUERCETIN	Plant	--	--		
44	QUERCITRIN	Plant	--	--		
1	RAFFINOSE	Seed	--	--		
15	RIBOFLAVIN	Plant	--	--		
4	SILICON	Plant	--	--		
1	SODIUM	Plant	--	--		
14	SUCROSE	Seed	--	--		
35	TANNIN	Bark	27100	27100	-0.9971131037044363	
35	TANNIN	Fruit	349500	349500	2.460165206941449	
35	TANNIN	Resin, Exudate, Sap	170000	200000	-0.6588112916807376	
35	TANNIN	Seed	66100	66100	-0.17202297185321858	
35	TANNIN	Wood	63500	63500	0.39532807016866817	
31	THIAMIN	Plant	--	--		
3	XYLOSE	Fruit	--	--		